

Application No. 10/624,238
Final Office Action Mailed February 15, 2005
Amendment dated April 26, 2005

AMENDMENTS TO THE CLAIMS

Please amend claims 4, 5 and 9, add new claim 12, and cancel claim 1 without prejudice as follows:

1-3 (Cancelled)

4. (Currently Amended) The brush of claim ~~[[1]]~~ 12, wherein the bristles are made of a thermally resistant synthetic material.

5. (Currently Amended) The brush of claim ~~[[1]]~~ 12, wherein the bristles are comprise abrasive materials.

6-8. (Cancelled)

9. (Currently Amended) A method of finishing, polishing, or cleaning a tooth, comprising:

obtaining a dental instrument including a dental brush having a plurality of substantially uniformly spaced bristles disposed in an annular arrangement, the brush devoid of bristles interiorly of the annular bristle arrangement, the bristles having

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lengths that decrease in a direction from an external radius of the bristle arrangement

~~[[to]]~~ toward a center of the bristle arrangement;

engaging the tooth with the bristles of the brush; and

actuating the brush for rotary movement.

10. (Previously Presented) The method of claim 9, further comprising:

applying the brush to a convex surface of the tooth.

11. (Previously Presented) The method of claim 9, further comprising:

applying a prophylactic paste to the bristles.

12. (NEW) A dental brush for a rotary dental device, comprising:

a brush head;

a plurality of substantially uniformly spaced bristles arranged in an annular pattern defined by inner and outer peripheral borders, said bristles each having an inner end mounted to said brush head and an outer tip, said tips collectively defining an annular concave surface wherein said bristles decrease in length from said outer peripheral border toward said inner peripheral border, said brush head devoid of bristles interiorly of said inner peripheral border of said annular pattern.